



03500.017485.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
MAHITO SHINOHARA)	Examiner: Not Yet Assigned
Application No.: 10/644,850)	Group Art Unit: Not Yet Assigned
Filed: August 21, 2003)	
For: IMAGE PICKUP APPARATUS)	March 23, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Pursuant to the notice from the U.S. Patent and Trademark Office waiving the requirement under 37 C.F.R. 1.98(a)(2)(I) for submitting copies of cited U.S. Patents, a copy of the listed U.S. Patent document is not enclosed.

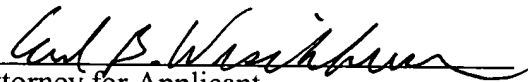
For a concise explanation of relevance for non-English document JP 8-4131, the Examiner is referred to the English-language abstract included herewith. In addition, Applicant notes that JP 8-4131 is in the same patent family as U.S. Patent No. 4,962,412, which is cited herein.

Regarding the relevance of the non-English document by Nakamura, that reference was cited in the specification as an example of a CMD imager (see page 2 of the specification). In addition, Applicant has provided English translations of the titles of Figs. 1-4 of that reference.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.


Applicant's undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO. 03500.017485.		APPLICATION NO. 10/644,850		
			APPLICANT MAHITO SHINOHARA				
			FILING DATE August 21, 2003		GROUP Not Yet Assigned		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,962,412	10/09/90	Shinohara et al.	357	30	
		5,008,206	04/16/91	Shinohara et al.	437	3	
		5,146,339	09/08/92	Shinohara et al.	358	212	
		5,280,358	01/18/94	Yushiya et al.	358	213.17	
		2002/0017661	02/14/02	Shinohara	257	238	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		8-4131	01/17/96	Japan			Abstract and see U.S. Patent No. 4,962,412
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		A. Yusa et al., "SIT Image Sensor: Design Considerations and Characteristics", <u>IEEE Transactions</u>, vol. ED-33, pp. 735-742, June 1886.					
		N. Tanaka et al., "A 310K Pixel Bipolar Imager (BASIS)", <u>IEEE Transactions Electron Devices</u>, vol 37, pp 964-97, No. 4, April 1990.					
		S. Mendis et al., "A 128 x 128 CMOS Active Pixel Image Sensor for Highly Integrated Imaging Systems", <u>IEDM Tech. Digest</u>, 1993, pp. 583-586.					
		Nakamura et al., "Gate Accumulation Type MOS Photo Transistor Image Sensor", <u>National Conference of Television Society</u>, 3-7, 1986.					
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.